

Source Code Analysis

Description

Provides a survey and discussion of commercially available and open-source tools for evaluating security vulnerabilities in source code. Code samples are provided to run tools against to verify that the tools are able to detect known problems in the code.

Overview Articles

Name	Version Creation Time	Abstract
Source Code Analysis Tools - Overview	18/08/06 16:18:52	A security analyzer is an automated tool for helping analysts find security-related problems in software. This article outlines what automated security analyzers can do and provides some criteria for evaluating individual tools.

Most Recently Updated Articles [Ordered by Last Modified Date]

Name	Version Creation Time	Abstract
Source Code Analysis Tools - Overview	18/08/06 16:18:52	A security analyzer is an automated tool for helping analysts find security-related problems in software. This article outlines what automated security analyzers can do and provides some criteria for evaluating individual tools.
Source Code Analysis Tools - Example Programs	28/07/06 09:56:27	These example programs demonstrate flaws that may (or may not) be detected by security scanners for C/C++ software. The examples are small, simple C/C++ programs, each of which is meant to evaluate some specific aspect of a security scanner's performance. Overall, the evaluation programs can be categorized as programs used to evaluate the detection of potential vulnerabilities and those used to evaluate resilience against false alarms.

Source Code Analysis Tools - References	13/06/06 15:37:07	Content area bibliography.
Source Code Analysis Tools - Business Case	7/03/06 08:32:01	Organizations are often reluctant to build security into software from the start of the development process. This reluctance stems from a belief that secure programming would increase costs or cause delays. However, experience does not seem to bear out this belief. This article presents a case for using security analyzers.

All Articles [Ordered by Title]

Name	Version Creation Time	Abstract
Source Code Analysis Tools - Business Case	7/03/06 08:32:01	Organizations are often reluctant to build security into software from the start of the development process. This reluctance stems from a belief that secure programming would increase costs or cause delays. However, experience does not seem to bear out this belief. This article presents a case for using security analyzers.
Source Code Analysis Tools - Example Programs	28/07/06 09:56:27	These example programs demonstrate flaws that may (or may not) be detected by security scanners for C/C++ software. The examples are small, simple C/C++ programs, each of which is meant to evaluate some specific aspect of a security scanner's performance. Overall, the evaluation programs can be categorized as programs used to evaluate the detection of potential vulnerabilities and those used to evaluate resilience against false alarms.
Source Code Analysis Tools - Overview	18/08/06 16:18:52	A security analyzer is an automated tool for helping analysts find security-related problems in software. This article outlines what automated security

		analyzers can do and provides some criteria for evaluating individual tools.
Source Code Analysis Tools - References	13/06/06 15:37:07	Content area bibliography.

Fields

Name	Value
Categories	tools